

DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON 25, D. C.

SCIENTIFIC ADVISORY BOARD  
GENERAL BOARD MEETING  
AFSC SPACE SYSTEMS DIVISION  
INGLEWOOD, CALIFORNIA  
11-12 APRIL 1963

AGENDA

THEME TOPIC: THE AIR FORCE R&D PROGRAM AND ITS FUTURE ROLE

11 April 1963

0900-0903	Welcome	M/G Ben I. Funk Commander Space Systems Div., AFSC
0903-0910	Opening Remarks	Dr. H. Guyford Stever Chairman, SAB
0910-0950	The Interaction of Significant Technical Advances with Important Military and Political Developments	Dr. Jerome B. Wiesner Special Assistant to the President for Science and Technology

Possible Military and Political Developments of the Next 10 Years

0950-1015	More Nations with Nuclear Power	Dr. Ray S. Cline Dep. Dir. (Intel.) CIA
1015-1040	Arms Control Agreements	Dr. Franklin A. Long Asst. Dir. for Science & Tech. Bureau Arms Control & Disarmament Agency
1040-1100	Break	
1100-1125	Dissension Between USSR and Red China	Dr. Leon Goure The RAND Corporation

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11 April (Cont'd)

1125-1205	USSR Potential in Salient Military Applicational Areas	Col James H. Fox Chief, Space Weapon Systems Directorate AFSC Foreign Technology Div.
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Existing and Forecast Air Force Organization for Research & Technology

1205-1235	The AFSC R&T Division	M/G Marvin C. Demler Commander, R&T Div., AFSC
1235-1250	The Air Force Office of Aerospace Research	M/G Don R. Ostrander Commander, OAR
1250-1410	Lunch	
	<u>Possible Technical Developments</u>	
1410-1430	Nuclear Propulsion and Power Sources	Dr. Leland Haworth Commissioner Atomic Energy Commission
1430-1450	Chemical and Biological Weapons	Dr. William H. Summerson Chief Scientist, Chemical, Biological & Radiological Agency, Army Chemical Center  and  Dr. Knut A. Krieger Director, Project Summit University of Pennsylvania
1450-1510	Pure Fusion	Dr. John S. Foster, Jr. Director, Lawrence Radiation Laboratory
1510-1530	Break	
1530-1550	Flying Machine Breakthroughs	Mr. George S. Schairer Vice Pres., Research & Development The Boeing Company
1550-1610	Man-machine Symbiosis	Dr. J.C.R. Licklider Director, Behavioral Sciences for Command & Control Research Division Advanced Research Projects Agency

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1610-1630	Microcircuitry	Dr. M. W. Aarons Chief, Applied Physics Norden Division United Aircraft Corp.
1630-1650	Geophysical Warfare	L/C Albert C. Trakowski, Jr. Dep.Chief, Science Div., AFRSTA
1650-1700	Awards Ceremony	
1700	Adjourn	
1830-2000	Reception	

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0900-1015	Panel-Discussion Group Meetings	
1015-1045	Break	
1045-1245	Panel-Discussion Group Meetings (Cont'd) (Includes time for Chairmen to prepare their remarks for afternoon presentations)	
1245-1400	Lunch	
1400-1500	Panel-Discussion Group Chairmen's Presentations	
1500-1520	Break	
1520-1615	Panel-Discussion Group Chairmen's Presentations (Cont'd)	
1615-1625	Closing Remarks	Dr. H. Guyford Stever Chairman, SAB
1630-1930	Executive Committee Meeting	

(See Next Page for Panel-Discussion Group Activities)

PANEL-DISCUSSION GROUPS

The Panel-Discussion Groups will be the regular panels of the SAB augmented by the military and civilian guests.

On the basis of the first day's presentations and panel meetings held prior to the spring meeting, these groups will discuss:

1. Significant technical developments in their area.
2. Interaction with related technologies.
3. Interaction with political and military developments.
4. The Air Force organization for R&D.

Panel Chairmen will report to the full meeting the substance of the panel discussions with conclusions and recommendations for further SAB action where appropriate.